

REMARKS

Claim 15-19 and 21-22 have been cancelled. Claims 1, 14, and 20 have been amended to clarify the subject matter regarded as the invention. Claims 1-14 and 20 are pending.

The Examiner has objected to the Abstract. Applicants did not intend the title of the invention to be included in the Abstract. However, in response to the Examiner's concern, an amendment has been made to clarify that the title is not intended to be included in the Abstract. The Abstract has 73 words and is believed to be proper.

The Examiner has rejected claims 1-14 and 20 under 35 U.S.C. 101 and under 35 U.S.C. 112, first paragraph. The claims have been amended in a manner that is believed to overcome the rejections. Specifically, with respect to the rejection under 35 U.S.C. 101, the independent claims have been amended to recite detecting a packet, which is a tangible, concrete, and useful result.

The Examiner has rejected claims 1, 12, and 20 under 35 U.S.C. 103(a) as being unpatentable over Marshall in view of Yasotharan.

The rejection is respectfully traversed. With respect to claim 1, Marshall describes cross correlating at a first level and at a second level (Abstract and Figure 5). Yasotharan describes self correlating received samples (page 5, paragraphs 54-55 and Figure 7). Neither Marshall nor Yasotharan teaches or suggests self correlating the results of a cross correlation, as recited in claim 1. It is therefore believed that claim 1 is allowable.

Claims 2-14 depend from claim 1 and are believed to be allowable for the same reasons described above.

The foregoing amendments are not to be taken as an admission of unpatentability of any of the claims prior to the amendments.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,

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